

## EAST Search History

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| S1    | 1    | (cluster SAME register SAME (functional OR execution) unit SAME control SAME pipeline register) AND "712".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ              | ON      | 2006/11/29 10:18 |
| S2    | 0    | (cluster).ti. AND cluster AND pipeline register AND "712".clas.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ              | ON      | 2006/11/29 10:18 |
| S3    | 5    | (cluster\$3).ti. AND cluster\$3 AND pipeline\$1 NEAR2 register AND "712".clas.                                  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ              | ON      | 2006/11/29 10:28 |
| S4    | 29   | (cluster).ti. AND "712".clas.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ              | ON      | 2006/11/29 10:28 |
| S5    | 58   | (cluster\$3).ti. AND "712".clas.  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ              | ON      | 2006/11/29 15:20 |
| S6    | 0    | (cluster\$3).ti. AND (register SAME distance) "712".clas.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ              | ON      | 2006/11/29 11:03 |
| S7    | 0    | (cluster\$3).ab. AND (register SAME distance) "712".clas.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ              | ON      | 2006/11/29 11:06 |

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| S8  | 1   | 712/214.ccls. AND cluster\$3 NEAR5 distance NEAR5 register                         | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/11/29 11:08 |
| S9  | 82  | "712".clas. AND cluster\$3 SAME synchroniz\$5                                      | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/11/29 11:13 |
| S10 | 4   | "712".clas. AND cluster\$3 SAME (instruction NEAR2 synchroniz\$5)                  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/11/29 11:14 |
| S11 | 22  | "712".clas. AND (cluster\$3 NEAR3 distance)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/11/29 11:21 |
| S12 | 2   | "712".clas. AND (instruction NEAR4 issu\$3 NEAR4 pipeline register)                | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/11/29 11:22 |
| S13 | 8   | "712".clas. AND (distance SAME cluster\$3 SAME instruction)                        | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/11/29 11:31 |
| S14 | 365 | "712".clas. AND cluster\$3 AND (instruction\$3 OR control\$4) (register OR buffer) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/11/29 11:32 |

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| S15 | 85  | "712".clas. AND cluster\$3 AND (instruction\$3 OR control\$4) (register OR buffer) AND distance | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/11/29 11:35 |
| S16 | 2   | "712".clas. AND (pipeline register NEAR10 distance)   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/11/29 11:36 |
| S17 | 7   | "712".clas. AND (register NEAR10 distance) AND cluster\$3                                       | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/11/29 11:39 |
| S18 | 129 | "712".clas. AND (cluster\$3 near4 control)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/11/29 11:42 |
| S19 | 395 | "712".clas. AND (instruction (buffer OR register) NEAR4 tim\$3)                                 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/11/29 11:44 |
| S20 | 439 | "712".clas. AND (instruction (buffer OR register) NEAR4 (tim\$3 OR latency OR delay))           | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/11/29 11:45 |
| S21 | 10  | "712/214".ccls. AND (instruction (buffer OR register) NEAR4 (tim\$3 OR latency OR delay))       | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/11/29 11:46 |

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| S22 | 4    | "712/214".ccls. AND (instruction<br>(buffer OR register) NEAR4 (clock<br>cycle))                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/11/29 12:49 |
| S23 | 11   | "712/214".ccls. AND pipeline<br>register  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/11/29 12:52 |
| S24 | 0    | "712".ccls. AND (pipeline register<br>SAME tim\$3 OR latency)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/11/29 12:54 |
| S25 | 4673 | "712".clas. AND (pipeline register<br>SAME tim\$3 OR latency OR<br>throughput)                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/11/29 13:16 |
| S26 | 4627 | "712".clas. AND (pipeline register<br>NEAR10 tim\$3 OR latency OR<br>throughput)                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/11/29 13:16 |
| S27 | 114  | "712".clas. AND (pipeline register<br>NEAR10 (tim\$3 OR latency OR<br>throughput))                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/11/29 13:16 |
| S28 | 0    | "712".clas. AND "cluster.ti" AND<br>(point to point OR point\$to\$point<br>OR full\$1 connect\$4) AND bus | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/11/29 15:03 |

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| S29 | 0  | "712".clas. AND "cluster.ti" AND (point to point OR point\$to\$point OR full\$1 connect\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/11/29 15:03 |
| S30 | 0  | (cluster\$3).ti. AND (point NEAR4 interconnect) AND "712".clas.                             | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/11/29 15:23 |
| S31 | 0  | (cluster\$3).ti. AND (direct NEAR4 interconnect) AND "712".clas.                            | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/11/29 15:23 |
| S32 | 2  | (cluster\$3).ti. AND (direct\$2 NEAR4 interconnect) AND "712".clas.                         | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/11/29 15:23 |
| S33 | 8  | (cluster\$3).ti. AND (full\$1 NEAR4 \$5connect\$4) AND "712".clas.                          | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/11/29 15:28 |
| S34 | 1  | (cluster\$3).ti. AND (complete NEAR4 \$5connect\$4) AND "712".clas.                         | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/11/29 15:31 |
| S35 | 47 | (cluster\$3).ti. AND bus AND "712".clas.  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/11/29 15:31 |

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| S36 | 8    | (cluster\$3).ti. AND (bus NEAR5 instruction) AND "712".clas.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/11/29 15:48 |
| S37 | 58   | (cluster\$3).ti. AND "712".clas.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/11/29 15:50 |
| S38 | 47   | (cluster\$3).ti. AND bus AND "712".clas.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/11/29 16:20 |
| S39 | 19   | ("4228497"   "5268995"   "5301340"   "5467476"   "5530817"   "5542059"   "5657291"   "5721868"   "5761475"   "5764943"   "5778248"   "5790827"   "5901301"   "6076159"   "6170051").PN. OR ("6615338").URPN. | US-PGPUB;<br>USPAT;<br>USOCR   | ADJ | ON | 2006/11/29 16:13 |
| S40 | 13   | (cluster\$3).ti. AND control signal AND "712".clas.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/11/29 16:20 |
| S41 | 3564 | cluster AND (point\$1to\$1point OR point to point OR full\$1 \$5connect\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/11/29 16:28 |
| S42 | 44   | "712".clas. AND cluster SAME (point\$1to\$1point OR point to point OR full\$1 \$5connect\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/11/29 16:29 |

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|-----|-----|---|--|-----|----|------------------|
| S43 | 7   | ("4270594"   "4833596"   "5239654").PN. OR ("6269437").URPN.      | US-PGPUB;<br>USPAT;<br>USOCR   | ADJ | ON | 2006/11/29 17:16 |
| S44 | 63  | VLIW SAME cluster AND "712".clas.                                 | US-PGPUB;<br>USPAT;<br>USOCR   | ADJ | ON | 2006/11/29 17:25 |
| S45 | 124 | VLIW AND (cluster SAME bus\$2) AND "712".clas.                    | US-PGPUB;<br>USPAT;<br>USOCR   | ADJ | ON | 2006/11/29 17:25 |
| S46 | 97  | (VLIW AND (cluster SAME bus\$2) AND "712".clas.) NOT S44          | US-PGPUB;<br>USPAT;<br>USOCR   | ADJ | ON | 2006/11/29 17:26 |
| S47 | 124 | VLIW AND cluster AND (control bus OR instruction bus)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/11/29 17:45 |
| S48 | 63  | VLIW AND cluster AND (control bus OR instruction bus) NOT S46     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/11/29 17:48 |
| S49 | 166 | (cluster.ti. OR cluster.ab.) AND (control bus OR instruction bus) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/11/29 17:48 |